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Product Datasheet

CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), Biotin conjugate, 0.1mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal BOT-BNCB1818-500

Article Name	CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), Biotin conjugate, 0.1mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB1818-500
Supplier Catalog Number	BNCB1818-500
Alternative Catalog Number	BOT-BNCB1818-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human TFRC protein fragment (aa94-212) (exact sequence is proprietary)
Conjugation	Biotin
Product Description	This antibody recognizes a ~90-95 kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190 kDa. This MAb is highly specific to CD71 and shows no cross-reaction with other rela...
Clonality	Monoclonal
Concentration	0.1 mg/mL

Clone Designation	[TFRC/1818]
Molecular Weight	85-95 kDa (monomer), 190 kDa (dimer)
UniProt	P02786
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL ELISA: 2-4 ug/mL for coating order Ab without BSA Flow cytometry: 0.5-1 ug/million cells in 0.1mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user